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	TRANSMITT	AL	Filing Date	August 02, 2001	
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	U.S. PATENT DOCUMENTS									
Examiner Initials	Cite No.1	U.S. Patent Document Kind Code Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
	1	5,233,604	Ahmadi et al.	Aug. 3, 1993						
	2	5,561,790	Fusaro	Oct. 1, 1996						
	3	5,991,300	Tappan	Nov. 23, 1999						
	4	4,028,533	Matsubara	June 7, 1977						
	5	5,675,741	Aggarwal et al.	Oct. 7, 1997						
	6	6,154,139	Heller	Nov. 28, 2000						
	7	5,946,083	Melendez et al.	Aug. 31, 1999						
	8	6,311,129 B1	Lin	Oct. 30, 2001						
	9	6,195,020 B1	Brodeur, Sr. et al.	Feb. 27, 2001						
	10	6,208,247 B1	Agre et al.	Mar. 27, 2001						
										
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		D. W. GAGE, "Command and Control for Many-Robot Systems", In the Nineteenth Annual AUVS Technical Symposium (AUVS-91),	
	NPI	Huntsville, AL, 22-24 June 1992. Reprinted in Unmanned Systems Magazine, 10(4):28-34, Fall 1992.	
	NP2	D. W. GAGE, "Many Robot Systems", SPAWAR web page, http://www.nosc.mil.robots/research/manyrobo/manyrobo.html	
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